

19990729.qrp v01_n532.qrl.990729

Date: Thu, 29 Jul 1999 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1532

QRP-L Digest 1532

Topics covered in this issue include:

- 1) [46307] Re: SD-20 still available?
by "Alan Fryer" <n3bj@hotmail.com>
- 2) [46308] Introduction to the group
by "Cory Zito" <czito@execpc.com>
- 3) [46309] BB #5 report
by Paul Erickson <paule@sfu.ca>
- 4) [46310] Re: Introduction to the group
by Drbob92031@aol.com
- 5) [46311] URL change
by "Chuck Adams K5FO" <adams@ticnet.com>
- 6) [46312] 2N2/40 I.F. notes
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 7) [46313] Re: URL change
by KD1YV <jimkd1yv@snet.net>
- 8) [46314] G5RV Antenna
by Fred J Kalt <w2xn@juno.com>
- 9) [46315] Re: K5FO now K7Q0/5
by N7YA@aol.com
- 10) [46316] Re: NWQ Newsletter
by "Bill Todd" <bill@willapabay.org>
- 11) [46317] Re: 2N2/40 I.F. notes
by notajock@juno.com
- 12) [46318] Re: Russian Beacons on 7.039
by Norbert Heyder <norbert.heyder@ri.dasa.de>
- 13) [46319] Potential 10 Mtr QRP Rig
by "Randy Jouett" <rules@bellsouth.net>
- 14) [46320] Collins Radio - R392/URR.- Mil Version
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 15) [46321] URL - changes
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 16) [46322] Re: K5FO now K7Q0/5
by hb9dnn@gmx.net (Robert M. Ganter)
- 17) [46323] Re: G5RV Antenna
by "dor" <elbc@pivot.net>
- 18) [46324] PA/GM4CXP/QRP QRV 2/8/99-16/8/99
by dareid@synopsys.com
- 19) [46325] [OT] WTB: solar panel & Yaesu PA-6 Power connectors

by "KD4NIX - Will Branch" <kd4nix@qsl.net>

20) [46326] [OT] WTB: solar panel & Yaesu PA-6 Power connectors
by "Will Branch" <wbranch@advi.net>

21) [46327] Re: Collins Radio - R392/URR.- Mil Version
by "William R. Colbert" <af852@rgfn.epcc.edu>

22) [46328] listened to Hollingsworth
by Scott Howell <whowell@hq.nasa.gov>

23) [46329] Re: Simple Antenna Tuner
by John R Kirby <n3aaz-qrp@juno.com>

24) [46330] Re: G5RV antenna, less than \$30 YES!
by "Rod Cerkoney" <rlwc@frii.com>

25) [46331] Hamfest/Rig review
by jaywa5whn@juno.com

26) [46332] L-C Meter Kit
by "Jeffrey L. L. Greer" <wd4et@juno.com>

27) [46333] Re: listened to Hollingsworth
by "Richard E. Robinson" <rerobins@email.uncc.edu>

28) [46334] Ground buss and ground loops
by Michael Melland <badger@vbe.com>

29) [46335] Re: L-C Meter Kit
by Chris Cartwright Sr <ccart@phideaux.com>

30) [46336] Re: K5FO now K7Q0/5
by "Richard Brummer" <obvious@bestweb.net>

31) [46337] Heath address
by Rich Wilkerson <richqrp@home.com>

32) [46338] AR QRP 40m Net Results
by Robsparks@aol.com

33) [46339] WTB: Bencher ST(1,2,3,4)
by "Kenneth Hopper" <n9vv@mail.hamsnet.net>

34) [46340] Sole-wrenching experience for Yosemite QRP DXpeditionary force
by agtaylor@ix.netcom.com

35) [46341] Service information needed
by "Benard, Daniel A" <daniel.a.benard@lmco.com>

36) [46342] AFA on NC-20...
by JimN00CT@aol.com

37) [46343] OHR100A review?
by danke <danke@scientist.com>

38) [46344] Editor Needed
by Monte Stark <ku7y@dri.edu>

39) [46345] portable solar / gel cel power system - was: [OT] WTB: solar panel & Yaesu PA-6 Power connectors
by "Will Branch" <wbranch@advi.net>

40) [46346] NJ QSO Party: QRP Style
by Ken Newman <N2CQ@citnet.com>

41) [46347] Re: L-C Meter Kit
by "Carl Zmola" <zmola@campbellsci.com>

42) [46348] Re: Service information needed
by "dor" <elbc@pivot.net>

- 43) [46349] thanks and just one more thing...
by Ron Ries <lawnmower@theriver.com>
- 44) [46350] Re: thanks and just one more thing...
by "Jerry Decker N5RV" <n5rv@hex.net>
- 45) [46351] RE: G5RV antenna, ladder line hints
by "rohre" <rohre@arlut.utexas.edu>
- 46) [46352] MV1644 Varactor Info Help Please
by Jerry Parker <jparker@fix.net>
- 47) [46353] Re: Q-dope substitute
by "Randy Jouett" <rules@bellsouth.net>
- 48) [46354] Another RS Closeout
by "Conant, Paul" <paul.conant@lmco.com>
- 49) [46355] 2N2/40 Kudos
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 50) [46356] RE: Transistor Testing
by Larry East <w1hue@amsat.org>
- 51) [46357] How to get QRP Journals?
by "Alex" <aturner@netunlimited.net>
- 52) [46358] Thanks
by Jerry Parker <jparker@fix.net>
- 53) [46359] Re: listened to Hollingsworth
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 54) [46360] Electrical Contact Goo?
by Barry Keating <barry.p.keating.1@nd.edu>
- 55) [46361] WTB Rainbow Tuner Enclosure
by Casey Ray <clray@usc.edu>
- 56) [46362] code practice
by william h ross <k6mgo@juno.com>
- 57) [46363] Re: How to get QRP Journals?
by GElam30092@aol.com
- 58) [46364] RE: Transistor Testing
by "Franco, Nicholas J" <franco@bnl.gov>
- 59) [46365] Collins Radio - R392/URR.- Mil Version
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 60) [46366] Re: Heath address
by Jim Lowman <jmlowman@ix.netcom.com>

Date: Wed, 28 Jul 1999 16:32:24 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: K2UD@aol.com, qrp-1@Lehigh.EDU
Subject: [46307] Re: SD-20 still available?
Message-ID: <19990728233224.37707.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Any business that is suspected to have a toll free 800 number can be

researched by dialing 800-555-1212 for no charge....

Alan, N3BJ

-----Original Message Follows-----

From: K2UD@aol.com

Reply-To: K2UD@aol.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: Re: SD-20 still available?

Date: Wed, 28 Jul 1999 17:14:14 EDT

Also try OOPS! Sproting Goods

RR #1 Box 70

Hillsboro, NH 03244

They have an 800 number, don't remember what is. Don't know if they are on line either.

72

Howard Kraus, K2UD

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Wed, 28 Jul 1999 18:49:45 -0500 (CDT)

From: "Cory Zito" <czito@execpc.com>

To: qrp-1@lehigh.edu

Subject: [46308] Introduction to the group

Message-ID: <199907282349.SAA11843@earth.execpc.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi all,

Well after a few years of being inactive due to school and work, I have been bitten by the radio bug again! I build a Norcal40A this past weekend, and although it was rusty, my CW copy came back very quickly. I really enjoyed building the 40A and it was my first major kit project. (Worked the first time too, I think :) Anyway, I can receive as well as one can with an indoor dipole, but haven't been able to make any QSOs to test the transmitter. I get tone, etc. when I transmit, but I have no test equipment other than a DMM, not

even another rig to listen on. Does anybody have any good suggestions on some basic tests that I can perform to make sure this rig is working right?

TNX and 73
de AA9GB

Cory

Date: Wed, 28 Jul 1999 17:13:51 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp)
Subject: [46309] BB #5 report
Message-ID: <199907290013.RAA21228@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well this turned out to be a bit frustrating.... The friend who was going to help me got called back east to work, and I couldn't talk my 12 year old daughter into coming with. Lugging the equipment took more time, but wasn't too bad, but putting the antenna up single handed took a lot longer... Had planned on two antennas, but stuck with just one as the two hours I gave myself for setup time was not enough.. Got the computer and qrp plus up and running fine, but the bands were awful... Ended up with 13 q's total with 5 /BBs.

Thanks to those who heard/worked me. I heard several stations, weak but Q5 but they could not hear me. From some of the other reports, it sounds like qrn was a problem for them, like it was for me last year... The qth I chose this year was much quieter from an rf point of view, but the rock band had my hands over my earphones a few times.

The conditions were/are a bit of a puzzle. From the reports I was getting, and from the fact that I worked a KH6 on 15 meters, I know I was getting out, but the realtive lack of signals compared to others makes me wonder. Perhaps it was just the normal propagational challenge of the northern latitudes...

I will probably use the same place next year due to the lack of qrn, but will hopefully some better antennas up.

Final total:

20 meters - 12

15 meters - 1
BB's - 5

Total - 195 pts

Thanks again to all who worked me.

cheers, Paul - VE7CQK - BB #5 - email: paule@sfu.ca

Date: Wed, 28 Jul 1999 20:41:02 EDT
From: Drbob92031@aol.com
To: czito@execpc.com, qrp-1@lehigh.edu
Subject: [46310] Re: Introduction to the group
Message-ID: <725dc7ea.24d0fd1e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Cory;

Read your post and congratulations and gud luck. As far as getting out with an indoor dipole...and the test equipment to se if it is getting out to begin with. The test equipment I used when I was walking around with very shallow pockets(no \$) was to take a small flash light bulb (this was for tuning up) and attach an alligator clip to each end of about a 2" INSULATED hook wire. Wrap the hook up wire around the antenna wire and then clip the alligator clips to the bulb leads. The more power you get to the antenna the brighter the bulb. or.. use a small neon bulb like found in flourescent bulb starter cannisters or a small flourescent bulk it self and place it alnog side the anetnna and key the rig. If enough RF gets into the antenna the bulb should glow. Again the more power the greater the glow. If you are using milliwatt output then you may not get anything. Costs nada and you have nothing to lose

72/73 de WA2EAW..Bob.

Date: Wed, 28 Jul 1999 19:49:52 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-1@lehigh.edu
Subject: [46311] URL change
Message-ID: <E119dFG-0006tY-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

Sorry, but www.qsl.net, due to my change in call
has moved all my stuff to

<http://www.qsl.net/k7qo>

and they do this to keep in step with the FCC
database.

This change of course will break a number of links
elsewhere around the world and ripple through, and I do
mean a lot of links around the world and I do
apologize.

FYI

Chuck Adams K7Q0/5 adams@ticnet.com <http://www.qsl.net/k7qo/>

Date: Wed, 28 Jul 1999 21:18:09 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46312] 2N2/40 I.F. notes
Message-ID: <000001bed960\$381460e0\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

An additional observation for 2N2/40 builders, for what it's worth:

I finally decided to track down the slight background noise that was
"sweeping" across the band from time to time, so to speak, on my 2N2/40.
Other than that noise, which appeared to me to be a slight instability
somewhere, the lil critter was really performing. One op even answered my
CQ!

Because I used two circuit board scraps for my layout, I linked the

front-end/receive mixer section to the IF strip/audio/T/R section with a short length of coax fitted with a pair of SMA connectors. That way I could separate the IF and operate it independently. Truth be told, I've been itching to use the mini gold-plated SMA connectors and Teflon cable in my junkbox for a long time. (This cable assy. must have set Unc' Sam back a load; it's MIL surplus).

Anyway, I noticed that if I brought my finger near the IF amplifier output transistor Q7, I could detect a change in the frequency of the noise. Aha! The stage must be oscillating.

According to Charles A. Schuler, in his book "Electronics, Principles and Applications" (McGraw-Hill Book Co., Third Edition, 1989, ISBN 0-07-055592-3) emitter bypass capacitors are typically chosen to exhibit a reactance, in ohms, that's ideally about a tenth of the emitter resistor value, also in ohms.

A quick calculation of X_c on my \$12 Texas Instrs. scientific calculator indicated that the value of 820 pF across R23 would cause a lot of gain from the stage (the gain is directly proportional to the collector load, and indirectly proportional to the ac resistance of the emitter).

So, if I lowered the value of the 820 pF bypass cap, X_c would be greater. That would lower the gain of the stage, eh?

X_c of an 820 pF cap at 7 MHz works out to about 28 ohms. With R23 at 680 ohms, the ratio of the two is about 24:1, which is more than twice as much as professor Schuler argues for in his book. With 390 pF, X_c is about 58 ohms. That's a ratio of about 12:1, which is a heckuva lot closer to the recommended value. Jim, did I do the right calculations?

BTW: having an extra 390 pF cap left over, it was a matter of a minute to pull the 820 pF jobbie and substitute the 390 pF cap.

Okay, now for the acid test. Back to the antenna.

>From woe to WOW!

My IF is no longer oscillating. The 2N2/40 receiver REALLY performs now. It's almost unbelievable how great it sounds. What a marked improvement. Ah, stability in the universe.

So, if you hear any flakiness/instability, and you suspect it's in the IF, you may want to fiddle with cap C24's value.

The gain of the stage is also dependent on the inherent beta (gain) of the particular 2N2222 you happen to solder in there, but if you see any stability problems at all, don't hesitate to fiddle with the value of C and

lower it from the original value.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

Date: Wed, 28 Jul 1999 21:40:10 -0300
From: KD1YV <jimkd1yv@snet.net>
To: adams@ticnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46313] Re: URL change
Message-ID: <379FA2EA.1E485940@snet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck Adams K5FO wrote:

>

{snip}

> This change of course will break a number of links

Ummm ... including your own :-). The links on your own page that point to your sub-pages still have K5FO in the URL :-)

--

73 de Jim, KD1YV <http://www.qsl.net/kd1yv/> QRP-L #1989
Emergency Coordinator, Town of Bethel, CT
Bulletin Manager, CT Section, ARRL
dah dah di dah di dah dit di dah di dit di di dah dah di dit

Date: Wed, 28 Jul 1999 21:49:02 -0400
From: Fred J Kalt <w2xn@juno.com>
To: qrp-l@lehigh.edu
Subject: [46314] G5RV Antenna
Message-ID: <19990728.215007.-798533.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Where can I find on the web the plans for the G5RV antenna? I want to build one for the fun of building it, and use it on camping trips etc.

thanks,

fred w2xn
lakeland, fl

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 28 Jul 1999 22:35:43 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [46315] Re: K5FO now K7Q0/5
Message-ID: <e3a5a4cb.24d117ff@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/28/99 7:48:14 AM Pacific Daylight Time,
rerobins@email.uncc.edu writes:

<< The Mainer replies, "If your cat had kittens in the oven, would that make them biscuits?" >>

Only if the oven was turned on....sorry, that joke was tasteless (unless of course you added certain spices).

Anyway, nice call Chuck....not too far off from your first one and a good cw call for rough copy. thats why i never complained when i ended up with a Y in my call....i rarely get a misread back.

Now that your out this way, maybe we will see you at a hamfest or two.

73...Adam, N7YA

Date: Wed, 28 Jul 1999 20:13:32 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Jim Lowman" <jmlowman@ix.netcom.com>
Cc: <nwq-l@scn.org>
Subject: [46316] Re: NWQ Newsletter
Message-ID: <000601bed970\$579b1b60\$89added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I can't seem to locate a way to view it from the club website.

>

>TNX es 72 de Jim - AD6CW

Hi Jim -

I think I have solved the "missing site" problem.

Try connecting to this address, and you should be able to see my Web Page:

<http://www.willapabay.org/~bill/index.html>

My personal web page contains the actual Newsletter. The big changes in my web page this month are the Field Day report and the transcripts of the first two talks at this years' SEAPAC QRP Forum in early June.

I hope you enjoy it.

CUL, Bill-N7MFB

Date: Thu, 29 Jul 1999 00:44:05 -0400
From: notajock@juno.com
To: qrp-l@lehigh.edu
Cc: qrp-l@lehigh.edu
Subject: [46317] Re: 2N2/40 I.F. notes
Message-ID: <19990729.004406.-170035.0.notajock@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ya know, somewhere around here I have the address for Dan's Small parts.
But for the life of me I don't know where. Can anyone help?

Bob WA9LSD

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 29 Jul 1999 08:34:28 +0200
From: Norbert Heyder <norbert.heyder@ri.dasa.de>
To: "QRP-L (Message Liste)" <qrp-l@lehigh.edu>
Subject: [46318] Re: Russian Beacons on 7.039

Message-ID: <379FF5F4.102788B9@ri.dasa.de>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Where have all the beacons gone?

For some reason here in Europe while the last couple of days there was no one of the Russian beacons to hear.

All the days (years) before the C-, V- and P-beacon were loud each night and at winter times even at daylight which gave a good indication for the east-path.

Bert DL8BDF

Date: Thu, 29 Jul 1999 02:30:08 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46319] Potential 10 Mtr QRP Rig
Message-ID: <005301bed994\$321e0d10\$2766d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok Gangula,

A friend of mine, Rudy (WA5BBP), gave me an old CB Radio today, but the receiver isn't working. What I plan on doing is getting the receiver working and converting it to 10 Mtrs. It's an old 23-channel job (Pace Sidetalk 1000M), but free is free, and I'm not complaining :^).

Anywho, like I said, the receiver is busted and I'd like some of you techno-wizards to give me a couple of trouble-shooting tips. The transmitter is working fine; however, as soon as the mic button is released, nada...nothing..zilch...> /dev/null :^).

The first thing tomorrow, I'm going to look at the

T/R relay. I've checked the RF Gain, Volume, and Squelch controls (just by playing around with them), and they seem to be working fine. I've also checked the AM, USB, and LSB buttons, and they're are working well, too. I even played around with the PA/CB switch, and it seems to be doing its job, and the noise-blanker circuit seems to be blanking away to it hearts content.

The volume (noise) level rises when I crank up the volume control; however, I can "barely" hear a transmitted signal when I transmit on another CB rig 2 feet away. I'm starting to believe that either the T/R relay or the RF Amp is shot (if it has one).

Anyone out there have any other ideas? Also, is there a way that I can test an FET in circuit with a DVM/VOM quickly and move on to the next FET until I narrow it down without have to hook up the scope? I will hook it up if I find a suspect FET, or should I use it to begin with? I don't have a signal generator, btw. It's next on the list, though! :^)

Any debugging tips would be greatly appreciated! I'd also appreciate a schematic if anyone out there in radio land has one laying around gathering dead roaches and dust :^).

72/73,

Randy Jouett, AB5NI

Date: Thu, 29 Jul 1999 17:32:47 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46320] Collins Radio - R392/URR.- Mil Version
Message-ID: <37A0039E.BAB84BDE@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

People,

Anyone familiar with above receiver (hopefully intimate), believed to require supply of 28V @ 5A please contact YT direct to assist with enquiry.

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Thu, 29 Jul 1999 17:53:19 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46321] URL - changes
Message-ID: <37A0086F.6630F78D@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys and girls,

Please do me a favour. Check out:

http://www.integritynet.com.au/~purdic/ar_links.htm

See if your current details are correct and if your link actually works.
If you're not listed - then why not?

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Thu, 29 Jul 1999 08:08:39 GMT
From: hb9dnn@gmx.net (Robert M. Ganter)
To: qrp-1@lehigh.edu
Subject: [46322] Re: K5FO now K7Q0/5
Message-ID: <37a10b7d.60628639@scts98.ens.ascom.ch>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Wed, 28 Jul 1999 12:29:14 -0400, you wrote:

> Chuck Adams K5FO wrote:

> > K5FO is now history.

> Another quality Q0 call! How about "Quarters Only" or "Quality OP"?

How about 'QRP Only'? ... :-))

73/72

Robert (HB9DNN)

--=20

Robert M. Ganter HB9DNN

Date: Thu, 29 Jul 1999 05:54:05 -0400
From: "dor" <elbc@pivot.net>
To: <w2xn@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46323] Re: G5RV Antenna
Message-ID: <003e01bed9a8\$4c793ea0\$e71199d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Fred J Kalt <w2xn@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, July 28, 1999 9:49 PM

Subject: G5RV Antenna

> Where can I find on the web the plans for the G5RV antenna? I want to
> build one for the fun of building it, and use it on camping trips etc.

>

> thanks,

>

> fred w2xn

Best place I know of is W6RCA's site.

<http://www.geocities.com/CapeCanaveral/8476/>

Date: Thu, 29 Jul 1999 13:34:17 +0200

From: dareid@synopsys.com

To: gqrp@onelist.com

Cc: qrp-l@lehigh.edu, contesting@qth.net, Gernot Trautmann <gt@de.alaska-software.com>

Subject: [46324] PA/GM4CXP/QRP QRV 2/8/99-16/8/99

Message-ID: <199907291134.NAA04787@goofy.gr05.synopsys.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Hi All GQRPers,

Just a note to let you know that Derrick - GM4CXP will be staying with me for 2 weeks from 2/8/99 to 16/8/99 and we will be QRV on HF and LF on and around the QRP frequencies...

If you want a sked with him... please email a suitable time/freq to my home email account with a couple of days notice....

drpcp@compuserve.com

We will also be taking part in the WAE contest on the 14/15th

but this will be QR-0uch (400Watts) as a team (with DF5RF) and
with my callsign.

Hope to works some of you guys...

72/73 de Dave
PA3HBB / G0BZF
GQRP # 3677

PS will be QRV with my new K2 QRP transceiver...for 80-10 CW
and with my TS850 or TS570D on all bands 160 to 10M - incl
WARC with up to 400Watts.

Date: Thu, 29 Jul 1999 07:21:42 -0700
From: "KD4NIX - Will Branch" <kd4nix@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46325] [OT] WTB: solar panel & Yaesu PA-6 Power connectors
Message-ID: <003c01bed9cd\$aefb9940\$16958bd0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Setting up a solar / battery power system for my Yaesu FT-470 HT & QRPP - I
need the following:

Several, at least 2, maybe up to 4 Yaesu PA-6 connectors (connects 12v
cigarette lighter plug with base of HT body where the battery usually
connects.

One or two solar panels suitable to use in a portable 12v power / charging
system. They need to be rugged enough for backpacking / light - flexible
panels are preferred.

If you have these or similar items please contact me off the list. Or if
you know of sources for these items please let me know.

Your help is greatly appreciated.

Will Branch - kd4nix

kd4nix@qsl.net

Date: Thu, 29 Jul 1999 07:23:00 -0700
From: "Will Branch" <wbranch@advi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46326] [OT] WTB: solar panel & Yaesu PA-6 Power connectors
Message-ID: <004401bed9cd\$dd459300\$16958bd0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Setting up a solar / battery power system for my Yaesu FT-470 HT & QRPP - I need the following:

Several, at least 2, maybe up to 4 Yaesu PA-6 connectors (connects 12v cigarette lighter plug with base of HT body where the battery usually connects.

One or two solar panels suitable to use in a portable 12v power / charging system. They need to be rugged enough for backpacking / light - flexible panels are preferred.

If you have these or similar items please contact me off the list. Or if you know of sources for these items please let me know.

Your help is greatly appreciated.

Will Branch - kd4nix

kd4nix@qsl.net

Date: Wed, 28 Jul 1999 01:02:27 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: ianpurdie@integritynet.com.au, qrp-1@lehigh.edu
Subject: [46327] Re: Collins Radio - R392/URR.- Mil Version
Message-ID: <379EAB03.C6BE5F80@rgfn.epcc.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Haven't had one for a number of years but the input voltage is 24-28 volts, and is similar to the larger R-390 series receiver. It is the receive portion of the GRC-19 system which also contains the T-195 transmitter, covering 1.5-20 Mhz. The receiver is from .5-30 Mhz. I forget the current requirements now, but at one time I had one and built a power supply I think 6 or 8 amps handled it nicely. The bandwidth on the selectivity is 2,4,6 Khz so a bit broad. Resetability on the frequency after calibration is to a 200 hz indicated, interpolated to 100 hz. there are a couple of the boatanchor websites that have pictures and additional info. One that comes to mind is:

<http://www.connix.com/~provero/r392/r392.html>

Hope that helps a little.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 29 Jul 1999 09:22:21 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [46328] listened to Hollingsworth
Message-ID: <3.0.5.32.19990729092221.00803250@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well got to hear him give a talk lastnight for our local club. I believe someone took video and will see about getting a copy.

In any case he was a very good speaker and is very hot on enforcement. He covered why the FCC dropped the ball on enforcement ten years ago, he talked about how he got started in Amateur Radio, spoke to how enforcement will be carried out, complaints handled, and so on.

Btw, he is a big fan of tube gear and is really into encouraging Hams to build their own gear.

A very nice gent and perfect for the job.
Just thought I'd share this info. If you can get to an event to here him speak or get him to come to a club meeting, I would encourage you to do so.
This is the time to really get behind the FCC on enforcement because it looks as though they aren't going away anytime soon and are taking their jobs very seriously.

72 de Scott/n3byy

Date: Thu, 29 Jul 1999 09:55:45 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: cyberoptics@pandora.be, qrp-1@Lehigh.EDU
Subject: [46329] Re: Simple Antenna Tuner
Message-ID: <19990729.095552.-187575.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

LB (ON9AAV) and Group,

>
>Need a small Antenna Tuner, to take on my camping trip two weeks
>from now; any good schematic is welcome.(40 Meters only)
>

The >L< Network makes a very efficient tuner...
only one inductor and one capacitor.

Connect the coil in series and capacitor shunt to ground and
you have one additional advantage,
a low pass filter.

If matching high Z to low Z
(for >example< a 50 Ohm transmitter to a 15 Ohm vertical)
the inductor is connected in series between input port and
output port (of the tuner) and the capacitor is connected from
the 50 Ohm input port to ground.
Note, the L network will also match low Z to high Z for >example<
a 50 Ohm transmitter to a 377 Ohm long wire, just connect
the capacitor (not to the input port but) to the output port and ground.

First find Q.

$Q = \text{Square root of } ((\text{HighZ} / \text{LowZ}) - 1)$
 $Q = ((50 / 15) - 1) ^{0.5}$

$$Q = 1.53$$

Next find the reactance of the matching coil $X(L)$.

$$X(L) = Q \text{ times LowZ}$$

$$X(L) = 1.53 \times 15$$

$$X(L) = 22.95 \text{ Ohms}$$

Next find the matching coil value

$$\text{If } X(L) = 2 \pi F L$$

$$\text{then } L = X(L) / 2 \pi F$$

$$L = 22.95 / (6.28 \times 7.04E6) \gg 7.040 \text{ MHz} \ll$$

$$L = 0.519E-6$$

0.519 micro Henry

or 519 nano Henry

The series inductor should be approximately 519 nano Henry

Next find the reactance of the matching capacitor $X(C)$.

$$X(C) = \text{HighZ} / Q$$

$$X(C) = 50 / 1.53$$

$$X(C) = 32.68 \text{ Ohms}$$

Next find the matching capacitor value,

$$\text{if } X(C) = 1 / (2 \pi F C)$$

$$\text{then } C = 1 / (2 \pi F X(C))$$

$$C = 1 / (6.28 \times 7.04E6 \times 32.68)$$

$$C = 6.92E-10 \text{ or}$$

$$C = 692E-12 \text{ (692 pico Farad)}$$

For ease of adjustment make this "shunt C" a variable capacitor.

If for example your variable capacitor has a value from 20 pF to 200 pF with 100 pF centre, then calculate,

$$(692) - (100) = 592 \text{ pF, then}$$

then parallel fixed capacitors that total approximately 592 pF with the 200 pF variable.

Enjoy,

73,

John

N3AAZ

FM19xa

On Wed, 28 Jul 1999 14:21:57 +0200 "LB" <cyberoptics@pandora.be> writes:

>Hi,

>

>Need a small Antenna Tuner, to take on my camping trip two weeks
>from now; any good schematic is welcome.(40 Meters only)
>
>73's
>de ON9AAV
>
>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 29 Jul 1999 08:05:26 -0600
From: "Rod Cercone" <rlc@frii.com>
To: <rohre@arlut.utexas.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46330] Re: G5RV antenna, less than \$30 YES!
Message-ID: <003c01bed9cb\$6b56ed40\$4a8711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello:

----- Original Message -----

From: rohre <rohre@arlut.utexas.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, July 28, 1999 12:10 PM
Subject: G5RV antenna, less than \$30 YES!

> A full roll of 500 FEET of #14 house wire, with insulation on it, was only
\$14
> at Home Depot hardware centers here. You could make a lot of 102 foot
G5RVs,

An alternative is the AC Zip cord the sell for low voltage outdoor lighting.
Light weight, flexible, easy to work with, pack, store....etc. I used it for
the G5RV in my attic. Works great! Going to make a another one for the
field!

72/3 Rod, NØRC
da di dah

Date: Thu, 29 Jul 1999 08:06:59 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [46331] Hamfest/Rig review
Message-ID: <19990729.080703.-998213.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's your chance to listen to "FCC Enforcement" issues in NM.

<http://www.qsl.net/dchf/>

Separate subject: K7Q0's {the cw artist formerly known as K5F0} review of the Small Wonder Labs DSW-40 in the recent "QQ". Receiver sensitivity was measured at -121 dbm {DSW-30}. It does function on 6 VDC {marginal}. Like the DSW-40 that Chuck had reviewed, most the parameters were about the same, except the DSW-30 had covered 10.000 MHz to 10.160 MHz. I have it in the Ft. Tuthill turquoise blue case. I think I got the pick of the litter. ;-)

WOW! Mole rats all over the place down here in the dungeon but no sign of AB7TT.

72 ...Jay,

WA5WHN DM65qd Albuquerque, NM USA

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 29 Jul 1999 10:18:49 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [46332] L-C Meter Kit
Message-ID: <19990729.102001.4078.0.wd4et@juno.com>

While at the Tampa QRP Group meeting earlier this month, one of the members had a kit built L-C Meter. I believe it was from A A Engineering or someone else. I failed to write down the details. It's cost was approximately \$50. Does anyone know of this kit?

Thanks, Jeff WD4ET in Jax., FL

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 29 Jul 1999 10:32:37 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Cc: whowell@hq.nasa.gov
Subject: [46333] Re: listened to Hollingsworth
Message-ID: <v03102809b3c612eb72cb@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Riley Hollingsworth, if he does nothing else in his FCC career, is to be congratulated for shutting down K40KA of Hickory, NC. Accompanied by the Catawba Co. Sheriff's Dept., Riley paid a surprise visit to one of the most flagrant violators of FCC rules to ever hold a license. K40KA has been spewing profanity and deliberate QRM around 3.895MHz since I was first licensed in 1963. It is rumored that Big Al was the source of the deliberate QRM taking place while Riley visited 3.894.5 on the air last year. Poor old Al doesn't know much about the FCC's state of the art direction finding gear that is in place. According to an article in QST, RDF can be completed in milliseconds with the new FCC gear.

72,

Rick kf4ar

Date: Thu, 29 Jul 1999 09:41:51 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [46334] Ground buss and ground loops
Message-ID: <37A0682F.BFE595FA@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I've had my station down for several weeks to replace coax and redo some other things. In putting it back together I started thinking of my station RF ground system. I use a "J. Martin Systems" solid copper ground buss that is about 24" long with studs to attach the equipment ground leads every 4 inches or so. I then run the middle stud out to my station ground rod with 1.5" copper flashing and use the others to ground my tuner, transceiver, power supply, etc..

I'm wondering about RF ground loops. I've read that its better to run all the equipment grounds direct to the tuner and then direct from the tuner to the station ground to prevent RF loops. While seemingly not a big issue at qrp I'm wondering about those times when I run my main station (Omni V) qro.

Any sage advice on the prevention of "RF ground loops" or the use of grounding buss's vs. direct equipment connection. I'm sort of "thick" <grin> and don't see much difference between the two methods of connection.....

73 de Mike Melland, W9WIS
Winneconne, WI

Date: Thu, 29 Jul 1999 10:57:28 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: "Jeffrey L. L. Greer" <wd4et@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46335] Re: L-C Meter Kit
Message-ID: <Pine.LNX.4.04.9907291049200.15818-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 29 Jul 1999, Jeffrey L. L. Greer wrote:

> members had a kit built L-C Meter.

> approximately \$50. Does anyone know of this kit?

Jeff,

It was probably the AADE LC Meter Kit, \$89 and worth every penny! If you do *ANY* home brewing, antenna building, sorting of "junk" parts, GET ONE! You'll never regret it. I most recently used mine to build the gamma match on some VHF/UHF beams and it worked FB. Take a look at ;

<http://www.mtechnologies.com/aade.htm#lcm>

No disclaimer! I bought the stuff and like it:)

72 es gl

```
-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Thu, 29 Jul 1999 11:06:03 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.edu>
Subject: [46336] Re: K5F0 now K7Q0/5
Message-ID: <002d01bed9d4\$81cad380\$fc05b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It is "Quite" obvious to me that Chuck enjoys Amateur Radio.

Congratulations, Chuck, on receiving your first choice in a new call sign !

73,
Dick K2REB

Date: Thu, 29 Jul 1999 08:18:57 -0700
From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [46337] Heath address
Message-ID: <37A070E1.AB12355F@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm sorry but I forgot the name of the person that was having trouble with a piece of Heath equipment. There is a group list just for the old green stuff. To subscribe send to listserv@listserv.tempe.gov and in the text send "subscribe heath Your Name, YOur Call.

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Thu, 29 Jul 1999 11:19:53 EDT
From: Robspark@aol.com
To: qrp-l@lehigh.edu
Subject: [46338] AR QRP 40m Net Results
Message-ID: <21c9548.24d1cb19@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net 8 QNIs last night. Propagation was OK, but noisy, typical of late summer. The net began at 0030Z and ended at 0106Z. Thanks to those who participated! Here are the stations that checked in:

W5YW/N5IB	Jim
NF0R	Dave
A5YW?	Lost him!
KF4KSM	Mac
KC5T	Bob
W2XN	Fred
WA4SQM	Ken
AB5NI	Randy

Special summer vacation note: OK guys, loosen up! We need replacement/fill-in NCS ops for the nets With summer vacation upon us, others are needed to keep the net going. If you can carry on a QSO in CW, you can handle the job of NCS! Please email me and let me know if you could fill in occasionally.

The NCS was Bob AB5ZD, using the AR QRP Club call NQ5RP, QTH Alexandria LA, running 5 watts to a G5RV up about 25 feet in pecan trees. Orientation of

the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 mhz
Wednesday Night	0030Z	7.042 mhz

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 29 Jul 99 10:23:54 CST
From: "Kenneth Hopper" <n9vv@mail.hamsnet.net>
To: =?ISO-8859-1?Q?"QRP"=A0<QRP-L@Lehigh.Edu>?=
Subject: [46339] WTB: Bencher ST(1,2,3,4)
Message-ID: <199907291023.SM00192@mail.hamsnet.net>

I am looking for a Bencher single paddle ST style. Has anyone seen one for sale?

Thanks,

Ken N9VV QRP-L #1915

Date: Thu, 29 Jul 1999 10:40:02 -0500 (CDT)
From: agtaylor@ix.netcom.com
To: qrp-l@lehigh.edu
Subject: [46340] Sole-wrenching experience for Yosemite QRP DXpeditionary force
Message-ID: <199972983853541@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The 1999 Yosemite QRP DXpeditionary force has returned early from their adventures for this year. A good time was had by all. The premature return was caused by a very final separation of the Vibram sole from the left boot of K7GT. As the rest of the trip involved serious bootwork, an expedient retreat was appropriate.

We had a ball. Ed, WE6W, in his foxhole in the sky getting a serious tan. Allan, K7GT pounding out BB QSOs in spite of the beautiful scenery blocking the path to the east.

Special thanks to N6WG and K6TTM for relaying messages home regarding our early return. Its amazing what 2W can do.

A very full report will be prepared as a future ARS Sojourner article, given a bit more time. Thanks to all those who sought us out!

73

Allan K7GT agtaylor@ix.netcom.com

now back in Pleasanton CA and unpacking

Date: Thu, 29 Jul 1999 11:45:12 -0400
From: "Benard, Daniel A" <daniel.a.benard@lmco.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [46341] Service information needed
Message-ID: <44D4D87C5F29D111B4490000F8314B93023FA2F6@emss05m04.sanders.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

My active interest in active ham radio was recently renewed by building and operating a NorCal40A. What a blast!! Of course, I couldn't leave it alone, and immediately tried tweaking it by increasing the tuning range (did do, but tuning is now very non-linear, still working on it), increasing the output power (didn't do, left well enough alone), etc.

I have also been browsing the plethora of Internet info on QRP (a curse, there is so much, it takes away from my on-air time!!) and have just subscribed to this list (even more time away from the key, but I HAVE to read it all, or I might just miss something!).

Anyway, I found that I could adjust the internals of my old ICOM IC-735 for QRP level output power, which worked just fine, now I have all band QRP at 2.5 watts!! The only problem is that I want to try some other things out on the IC-735 and don't have a service manual for it. So, here comes my plea... I am looking for anyone that may be able to help me out with a copy of an IC-735 service manual... of course I would reimburse repro and mailing costs. I called HRO and they don't show it as available any more, so I think this is my only chance.

Thanks!!

Dan W1RDB
trackerdanNOSPAM@earthlink.net (delete NOSPAM before sending)
Merrimack, NH

Date: Thu, 29 Jul 1999 11:48:17 EDT
From: JimN00CT@aol.com
To: qrp-1@lehigh.edu
Subject: [46342] AFA on NC-20...
Message-ID: <42e1f747.24d1d1c1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi guys/gals,

I realize that the NC-20 is old news, but I'm finally getting around to=20
building mine. Everything was going along fine until I got to the AFA=20
section. It doesn't work. Here's what I *do* know about it:

- X8 is oscillating [nice wave form on my scope]
- Pin 4 of the AFA gets pulled from 4.9V to ground when SW2 is actuated.
- the VFO is running at 5.001 MHz
- The audio preamp [LF353] is working fine
- C104 [?], the 1000 pF coupling cap is in good shape
- VR8 appears to be working fine
- Q22 and Q23 are amplifying the VFO signal.

Basically I get no response out of the AFA whatsoever. Turning VR8 all the=20
way up, as well as the audio pot, pushing SW2, nothing.

Anybody else run into this problem? Any ideas? All help will be greatly=20
appreciated.

Thanks

72,73--whatever it takes
Jim N=D80CT
jimn0oct@aol.com

Date: Thu, 29 Jul 1999 11:57:35 -0400
From: danke <danke@scientist.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46343] OHR100A review?
Message-ID: <37A079EF.5A32215D@scientist.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-2022-jp
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi,

I am looking for reviews of Oak Hills Research OHR100A kit. If you know web sites, could you give me the addresses?

Thanks

danke

Date: Thu, 29 Jul 1999 09:05:37 -0700
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46344] Editor Needed
Message-ID: <37A07BD1.C72CF094@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

The QRP ARCI needs a managing editor.

I no longer have the time to devote to the duty. I am going to retire before too much longer and there are too many loose ends to get tied up!

There are only a few things that you need:

You must be on the internet and be able to handle file transfers.

You will need to do the layout of the Quarterly and provide the printer with camera ready copy. (I use MS Publisher and a HP ink jet printer).

Over half of the magazine comes to you from the other editors already in finished form. Your choice as to it's being paper or via data files that you print out.

The crew that you will work with is a super bunch of people and will help you get each issue out.

Someone is needed ASAP as I will not be able to do the upcoming

Oct. issue. This only gives a short time to make the change. Otherwise the next issue may not happen at all. There is no "stand by" editor!

If you are interested please send me a short note telling me a little about yourself and your abilities to do the job. When I started I knew NOTHING at all about making a magazine! :-)

I have the boiler plate in MS Publisher files and in .PDF files if that is what you would rather use. (Being able to print out Publisher files will save you a LOT of work!)

Thanks,

--

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Jul 1999 12:51:38 -0700
From: "Will Branch" <wbranch@advi.net>
To: <Drbob92031@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46345] portable solar / gel cel power system - was: [OT] WTB: solar panel & Yaesu PA-6 Power connectors
Message-ID: <004601bed9fb\$f23c2840\$15958bd0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for your response Bob...

Yes, I can imagine, a have a local Ham friend that sounds very similar. He got me into Ham radio - however I have not been very active...

I want a system with the following abilities:

- Solar panel (portable) that supplies 12 volts @ ?? Mil Amps - (need to check this out)
- Charge circuit that will charge gel cels (and nicads - ?) from AC/DC converter & solar panel
- I would also like to be able to use the Solar panel directly to my equipment as well.
- the whole systems needs to be portable / packable

The new American Science Surplus catalog (not on their web page yet - www.sciplus.com) has a few good candidates for my batteries:

1) Gel cel that includes it's own charger & connects by cigarette lighter connectors. The gel cell is 12v - 2.3 Ah. Measures 7 1/4 x 2 1/4 x 1 (inches). Listed as \$12.50 each.

2) Another gel cel that is a bit bulkier (two 6v gel cels connected in a case) with charger. 12v @ 3.2Ah

3) Several nicad packs that seem pretty cheap.

Do you know of a good reference that I could use that goes over the design of a these types of systems? As yet, I have not found anything & I do not have a local Elmer...

I am also sending this message to the list hoping that someone might have some ideas or references for me... I sorry if this has been hashed out before...

Thanks allot...

Will Branch - kd4nix

> Hi Will;
> Read your post about wanting to use solar panals.
> Just thought I may find a kindred "nut".
> I use the panals to power the HW 8. The 2 panals in parallel yield 12Vdc @
> 500mils.
> The HW 8 draws 480 mills on xmit. I keep the gel cell in the circuit with
> a
> switch just in case a cloud comes along.

[snip]

> 72/73 de WA2EAW...Bob

Date: Thu, 29 Jul 1999 12:57:14 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu
Subject: [46346] NJ QSO Party: QRP Style
Message-ID: <3.0.6.32.19990729125714.007c3470@mail.citnet.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Group!

Some of you may have noticed that the NJ QSO Party (Comming up on Aug 22) still has not included a QRP category for the contest. WELL.....
It's time to change that situation!

New Jersey QRP Club has decided to run a QRP division of the party.

IT'S ABOUT TIME!

NJQRP will sponsor the the "QRP NJ QSO Party" in tandem with the well known and popular NJ QSO Party, sponsored by the Englewood ARA.

If you wish to attend the "Party" as a QRPer, you can of course send a snail-mail log to the Englewood ARA, AND send a E-Mail log to NJQRP.

We will check the logs from the QRPers, compile a QRP results report and provide a prize and/or certificate (TBD) to the winning station from each NJ county, state, providence and country winners.

You use the rules published by the sponsor. The only extra bonus points to add for QRPers sent to NJQRP is to add another 100 points per QSO with WQ2RP, the NJQRP Club station.

That's it! This time, put the NJ QSO Party on your calendar!
It's a QRP CONTEST!

~~~~~  
NJ QSO Party (CW/SSB) ... NOT QRP OOPS! IT IS NOW!  
Aug 21 - 2000z to Aug 22 - 0700z  
Aug 22 - 1300z to Aug 23 - 0200z

Rules: <http://www.arrl.org/contests/months/aug.html>

Send QRP entries to the sponsor AND to NJ QRP Club at

N2CQ@ARRL.NET or

Ken Newman  
81 Holly Drive  
Woodbury, NJ 08096  
~~~~~

72/73 de
Ken Newman - N2CQ
Woodbury, NJ

N2CQ@ARRL.NET

~~~NJ QRP Club Home Page ~~~  
<http://www.NJQRP.org>

~~~Club Callsign~~~  
WQ2RP

Date: Thu, 29 Jul 1999 11:10:29 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: ccart@phideaux.com
Cc: qrp-1@Lehigh.EDU
Subject: [46347] Re: L-C Meter Kit
Message-ID: <19990729170745640.AAA254@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Chris Cartwright Sr <ccart@phideaux.com> wrote:

> It was probably the AADE LC Meter Kit, \$89 and worth every penny! If you
> do *ANY* home brewing, antenna building, sorting of "junk" parts, GET ONE!
> You'll never regret it. I most recently used mine to build the gamma
> match on some VHF/UHF beams and it worked FB. Take a look at ;

It appears to support a 1khz and 1mhz measurment point.

How much does Inductance vary from 1mhz up to 30mhz in
standard parts and hand wound toroids?

Is it worth building a circuit that measures up at 10, 20, or 30 mhz

Just wondering.

Also, You can buy a multimeter that measures inductance for about
the same price, but how do these work, and at what frequency
ranges?

Carl

Carl

zmola@campbellsci.com

Date: Thu, 29 Jul 1999 13:05:44 -0400
From: "dor" <elbc@pivot.net>
To: <daniel.a.benard@lmco.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46348] Re: Service information needed
Message-ID: <000b01bed9e4\$9c4e4a60\$6a10a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dan ,
You Might Try Hi Manuals @
<http://www.hi-manuals.com/>

Or <http://www.sarrio.com/sarrio/rsfinal1.html>

They are a bit pricey though

73 and gl Dave

----- Original Message -----

From: Benard, Daniel A <daniel.a.benard@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, July 29, 1999 11:45 AM
Subject: Service information needed

> My active interest in active ham radio was recently renewed by
> building and operating a NorCal40A. What a blast!! Of course, I couldn't
> leave it alone, and immediately tried tweaking it by increasing the tuning
> range (did do, but tuning is now very non-linear, still working on it),
> increasing the output power (didn't do, left well enough alone), etc.
> I have also been browsing the plethora of Internet info on QRP (a
> curse, there is so much, it takes away from my on-air time!!) and have
just
> subscribed to this list (even more time away from the key, but I HAVE to
> read it all, or I might just miss something!).
> Anyway, I found that I could adjust the internals of my old ICOM
> IC-735 for QRP level output power, which worked just fine, now I have all
> band QRP at 2.5 watts!! The only problem is that I want to try some other
> things out on the IC-735 and don't have a service manual for it. So, here
> comes my plea... I am looking for anyone that may be able to help me out
> with a copy of an IC-735 service manual... of course I would reimburse
repro

> and mailing costs. I called HRO and they don't show it as available any
> more, so I think this is my only chance.
>
> Thanks!!
>
> Dan W1RDB
> trackerdanNOSPAM@earthlink.net (delete NOSPAM before sending)
> Merrimack, NH
>

Date: Thu, 29 Jul 1999 10:09:24 -0700
From: Ron Ries <lawnmower@theriver.com>
To: qrp-l@lehigh.EDU
Subject: [46349] thanks and just one more thing...
Message-ID: <v04205500b3c639a43f6b@[208.164.96.39]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

First of all, I want to thank all those who responded to my request for product information. It was certainly helpful.

Secondly, I have unsuccessfully attempted to contact the folks over at RedHotRadio and find out what test equipment is required to align the NC20 they are offering. It has been a while since I built any kits and I find myself with only a Fluke 77 handheld DMM and a field strength meter. Will that suffice?

Any knowledgeable folks out there who have gone through the process and can add any helpful information or tips?

Thanks again,

Ron
KA7HTR

Date: Thu, 29 Jul 1999 12:42:33 -0500
From: "Jerry Decker N5RV" <n5rv@hex.net>
To: <lawnmower@theriver.com>
Cc: "Low Power Amateur Radio" <qrp-l@lehigh.EDU>
Subject: [46350] Re: thanks and just one more thing...
Message-ID: <000701bed9e9\$bf1e6480\$0401a8c0@n5rv.hex.net>
MIME-Version: 1.0
Content-Type: text/plain;

```
charset="iso-8859-1"
```

The Red Hot NC20 can be aligned with only a voltmeter. It always helps to have additional equipment though. I thoroughly enjoy my RH NC20. I have worked the world with it using my homebrew G5RV antenna.

I also built LDG's QRP Automatic antenna tuner to go along with this rig. Both together make a very nice compact 20 meter QRP contest station.

73 de Jerry N5RV

N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW
ARRL Member

----- Original Message -----

From: Ron Ries <lawnmower@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, July 29, 1999 12:09 PM
Subject: thanks and just one more thing...

```
> First of all, I want to thank all those who responded to my request
> for product information. It was certainly helpful.
>
> Secondly, I have unsuccessfully attempted to contact the folks over
> at RedHotRadio and find out what test equipment is required to align
> the NC20 they are offering. It has been a while since I built any
> kits and I find myself with only a Fluke 77 handheld DMM and a field
> strength meter. Will that suffice?
>
> Any knowledgeable folks out there who have gone through the process
> and can add any helpful information or tips?
>
> Thanks again,
>
> Ron
> KA7HTR
```

Date: 29 Jul 1999 12:52:18 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: grp-l@lehigh.edu, "Stephan Greene" <sgreene@patriot.net>

Subject: [46351] RE: G5RV antenna, ladder line hints
Message-ID: <n1278869739.13933@msmailgw1.arlut.utexas.edu>

Steve,

The Aluminum house can be handled. Do you have a window near the shack? Put a plastic or wood board in the window bottom, and use feed thru's of all thread to bring the ladder line two conductors inside, and continue to rig balun. Weather proof the window where the panes overlap with foam stuffed down, and use set screw in window frame to lock window in place or apartment window locks, etc.

Or, as you asked, you can put a 4:1 balun under the eaves, (we did this on field day), and then go coax thru the wall. As a rough rule of thumb, keep the metal siding about four ladder line diameters away, or more, from the ladder line. Ie for two inch line, have spacers of 8 inches (or more), keeping balun and line away from metal. If you have BOTH ladder line conductors equally exposed to a transient coupling like the metal siding, you can isolate the line from effects of the coupling, by gently putting twist in the line every foot, thus; each side of the line "sees" the same amount of coupling to other objects. But spacing to keep it off the conductors is the key. Radio Shack still sells TV standoff insulators for 300 ohm line that could be adapted to one side of wide 450 ohm line, to keep it 6 to 8 inches off the surface of the house. 8 inches might be overly conservative at QRP powers. Just don't coil up the excess ladder line, use enough to get from center of dipole G5RV to the matching unit, no more or less, unless you can keep it from being coiled up. Extra length run generally straight is OK. Ladder line is miniscule loss, and much better than RG 58 coax, so many of us use all the time!

Working New Caledonia on SSB at 5 watts with Zepp and ladder line feed, makes me almost want to throw out all the coax here!

72, Stuart K5KVH

Date: Thu, 29 Jul 1999 11:01:29 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [46352] MV1644 Varactor Info Help Please
Message-ID: <3.0.6.32.19990729110129.0086dec0@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking for info on the MV1644 Varactor Diode.

Please send me private email if you can help.

Thanks and 72,,,Jerry...WA6OWR...K

Date: Thu, 29 Jul 1999 12:20:56 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <k4mkx@netzero.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46353] Re: Q-dope substitute
Message-ID: <00e801bed9eb\$41d62dd0\$2766d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ted,

>If my feeble memory serves me, this thread started when someone
>discovered that using some sort of coil covering lowered the Q
>tremendously, and he wondered if there were any "good" Q-dopes. I
>believe he was also going to perform some gravity wave tests on the
>dried dope!
>
>Ted Beach

Gravity tests on Q-Dope, huh? Cool! Maybe he'll build a
gravity-wave detection bar out of this new Q-Dope substance
and win the Nobel Prize or something :^) :^).

72/73,

Randy Jouett, AB5NI

Date: Thu, 29 Jul 1999 11:59:58 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>
Subject: [46354] Another RS Closeout
Message-ID: <C95C7DB8B9A8F01195C40000F81F32FD0105FB6C@emss02m09.vs.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I ran across this at lunch today:

An All-Band Magnetic Mount Mobile Scanner Antenna
*Covers 25 to 1300 MHz
*Stainless Steel Whip with Sealed Load Coils
*Transmits on 70cm, 2m, 6m Amateur Bands (up to 25 watts)

Cat. No. 20-012

They had several at this store for \$2.97 each.

Have fun.

Paul, WQ5X

Date: Thu, 29 Jul 1999 14:21:53 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [46355] 2N2/40 Kudos
Message-ID: <3.0.1.32.19990729142153.0071967c@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang....I'd like to publically congratulate John, WB8RCR, Denny, N9JXY, Alex, AI2Q, and Jay, W6JAZ for successfully completing their 2N2/40 rigs. I should have sent out a note earlier on the other rigs that were built, and I failed to do that. My appologies!

Denny and Jay have sent me pictures of their rigs, and with their permission, I'm going to put them on my webpage so that all can see some nice work. John has pictures of his rig on his webpage already. So if you have a completed 2N2/40 that you'd like the world to see, send me a picture, either a hard copy, or a .jpg or .gif file, and I'll post it on the 2N2/40 page.

Thanks to all and happy building.....Jim, K8IQY

Date: Thu, 29 Jul 1999 13:30:51 -0600
From: Larry East <wlhue@amsat.org>

To: qrp-1@lehigh.edu
Subject: [46356] RE: Transistor Testing
Message-ID: <3.0.3.32.19990729133051.0093fd80@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There was a recent question regarding how to test a transistor and a couple of notes on how to tell what type of transistor you have and the pin-out. Also a note about a device that you can build (if the poster can find the mag it was in :-)) to do the identification automatically.

Well, just for the record, Rat Shack has a little "component tester" that will do the job. It will check transistors, diodes, FET's, etc. and tell you the type (NPN or PNP) and where the base and collector are for a bipolar or where the gate is for a JFET. It can't tell the difference between a MOSFET and a bipolar (or JFET, if there is no protection diode), but it will tell you which pins are gate and drain (usually...). At about \$20, some might consider it overpriced, but that's a matter of one's point of view (if you have a bunch of unknown transistors to check, it might be well worth it). The RS part number is 22-330.

I have no connection with RS (or Tandy Corp.) -- I'm not even necessarily a "satisfied customer". :-)

Similar testers are available from other sources; check your favorite mail order catalog.

72, Larry W1HUE/7

Date: Thu, 29 Jul 1999 15:34:40 -0400
From: "Alex" <aturner@netunlimited.net>
To: <qrp-1@lehigh.edu>
Subject: [46357] How to get QRP Journals?
Message-ID: <008e01bed9f9\$673408a0\$8103a5d0@pentium-ii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like to subscribe to some of the club journals. I am getting confused by the similar names. Can someone give me a quick education as to what's avail. and how I can contact them to subscribe.

Tnx
N4BYJ

Date: Thu, 29 Jul 1999 12:43:20 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [46358] Thanks
Message-ID: <3.0.6.32.19990729124320.00f01d10@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to those who have sent me the info on the
MV1644.

You folks are great!

72,,,Jerry..WA6OWR...K

Date: Wed, 28 Jul 1999 01:02:22 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: rerobins@email.uncc.edu, qrp-1@lehigh.edu
Subject: [46359] Re: listened to Hollingsworth
Message-ID: <379EAAFE.5FD0778A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, not really in the milliseconds but it is fast. The basic systems are Wullenweber using active antennas, controlled from the Laurel, Md site. Takes a little longer to get which of the 15 sites to be used, on target and to enter their lob, however, it is much faster than the systems of old and to get it really fine tuned, the mobile units can be used. Quite a neat system. No greater satisfaction than seeing a person causing problems like that have their radios taken away.

73
Ray
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 29 Jul 1999 15:09:08 -0500
From: Barry Keating <barry.p.keating.1@nd.edu>
To: qrp-1@Lehigh.EDU
Subject: [46360] Electrical Contact Goo?
Message-ID: <v03007801b3c66467d70f@[129.74.86.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

In putting together antennas (vertical and others as well), I have been told that there is a "goo" which can be placed on the parts which will help maintain the electrical contact.

Anyone know the trade name and source of such a substance?

Barry Keating
WD4MSM

Date: Thu, 29 Jul 1999 13:30:45 -0700
From: Casey Ray <clray@usc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46361] WTB Rainbow Tuner Enclosure
Message-ID: <37A0B9F5.1F0A69C9@usc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

I recently was very fortunate to purchase an unbuilt Rainbow Tuner. I would like to inquire as to if anyone might have an enclosure, i.e. one manufactured by Doug Hauff, KE6RIE they would be willing to part with. I have spoken with Doug regarding his enclosures. He currently does not have any available.

Please email me direct with details.

Thank you for your time.

73 de Casey
AD6DI

Date: Thu, 29 Jul 1999 13:25:48 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [46362] code practice
Message-ID: <19990729.133117.-232073.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excuse the bandwidth, but, a little while back, someone posted the URL where the W1AW code practice sessions could be viewed/downloaded. I thought I saved it, but, now can't find it. If anyone remembers or has it could you please send it to me?
tnx and 73/72
Bill, K6MGO

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 29 Jul 1999 16:32:41 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [46363] Re: How to get QRP Journals?
Message-ID: <8c80e046.24d21469@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/29/1999 12:35:22 PM US Mountain Standard Time, aturner@netunlimited.net writes:

<< I would like to subscribe to some of the club journals. I am getting confused by the similar names. Can someone give me a quick education as to

what's avail. and how I can contact them to subscribe. >>

Newbie here also interested in what's available! Make sure you reply to the list as opposed to the person who wrote the message.... or copy me too!!!

Cheers,
Gerry Elam
PHX AZ

Date: Thu, 29 Jul 1999 16:51:16 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46364] RE: Transistor Testing
Message-ID: <698DB793D712D31180B600902746422D17C448@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Larry and Group,

I had mentioned in a post about a testing device that I received as a complimentary gift from Tech America when I ordered thier soldering station. This one is not a kit. I did use it to debug my Tuna Tin II transmitter and found a bad transistor very quickly with it. I had it sitting in the original box and never opened it until last week. It requires a 9v battery and checks transistors, diode, and caps. I don't about FET's etc. I also don't know about identifying PNP or NPN transistors with it. I'll have to look at the docs again.

I don't know how much it would be to purchase it from them. Sounds like the RS version that Larry brought to our attention is more sophisticated and useful, but this was a freebee and it worked well for what I needed it for.

Disclaimer: I have no interest whatsoever in Tech America except that my wife bought me the soldering station from their catalog :-). So far I'm a satisfied customer, only.

72,
Nick - kf2ph . .

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

-----Original Message-----

From: Larry East [mailto:w1hue@amsat.org]
Sent: Thursday, July 29, 1999 3:31 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Transistor Testing

There was a recent question regarding how to test a transistor and a couple of notes on how to tell what type of transistor you have and the pin-out. Also a note about a device that you can build (if the poster can find the mag it was in :-)) to do the identification automatically.

Well, just for the record, Rat Shack has a little "component tester" that will do the job. It will check transistors, diodes, FET's, etc. and tell you the type (NPN or PNP) and where the base and collector are for a bipolar or where the gate is for a JFET. It can't tell the difference between a MOSFET and a bipolar (or JFET, if there is no protection diode), but it will tell you which pins are gate and drain (usually...). At about \$20, some might consider it overpriced, but that's a matter of one's point of view (if you have a bunch of unknown transistors to check, it might be well worth it). The RS part number is 22-330.

I have no connection with RS (or Tandy Corp.) -- I'm not even necessarily a "satisfied customer". :-)

Similar testers are available from other sources; check your favorite mail order catalog.

72, Larry W1HUE/7

Date: Fri, 30 Jul 1999 07:49:11 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46365] Collins Radio - R392/URR.- Mil Version
Message-ID: <37A0CC57.9D113A3B@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Thanks for all the informative responses. The original enquirer turns out to be

a licensed ham and I quote (in part):

Carl Battista wrote:

> This will actually be my 2nd R392. The first one was purchased with a kit
> power
> supply while I was living in Kansas (1970) as a brand new Industrial
> Engineer.
> I was being taught code and basic theory by WB0NDB. In the middle of my
> pursuit
> I was hired by Motorola in. Fort Lauderdale Fla. When I moved I left the
> receiver
> with my good friend and instructor. While in Florida I acquired a Yeasu FT
> 101E
> transceiver and my novice ticket (WD4KVS) and Dih Dah Dah Dit Dit Dit world
> wide.
> My profession required several subsequent relocations and I did not advance
> or keep my
> ticket up. I did however keep up with SWL. As this was the easiest way of
> keeping up
> with American news while I lived over seas.
>
> I have been living in Wisconsin now for 6 years and again felt the urge to
> restart the
> endeavor begun back in 70's.
>
> Carl Battista
> Program Manager
> carlb@manutronics.com <mailto:carlb@manutronics.com>
> Voice 414 947 2336
> Fax 414 947 7728

--

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Thu, 29 Jul 1999 14:51:29 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: richqrp@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46366] Re: Heath address
Message-ID: <37A0CCE1.E074C1A8@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rich Wilkerson wrote:

>
> I'm sorry but I forgot the name of the person that was having trouble
> with a piece of Heath equipment. There is a group list just for the old
> green stuff. To subscribe send to listserv@listserv.tempe.gov and in
> the text send "subscribe heath Your Name, YOur Call.

Just FYI, there is another Heathkit list with good traffic on qth.net.

To subscribe, simply send e-mail to: majordomo@qth.net and put
SUBSCRIBE
in the body of the message.

72/73 de Jim - AD6CW - Heathkit List Administrator
San Bernardino, CA

End of QRP-L Digest 1532

